



Determining Mountaintop Mining Locations in West Virginia Using Elevation Datasets

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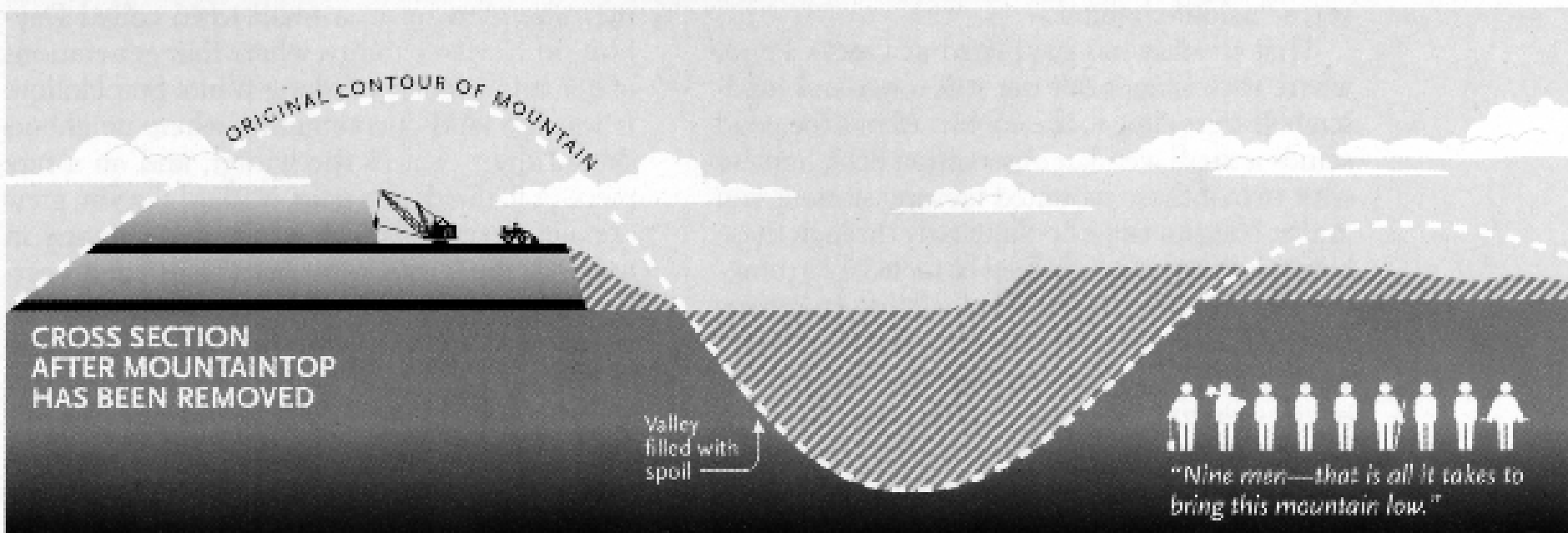
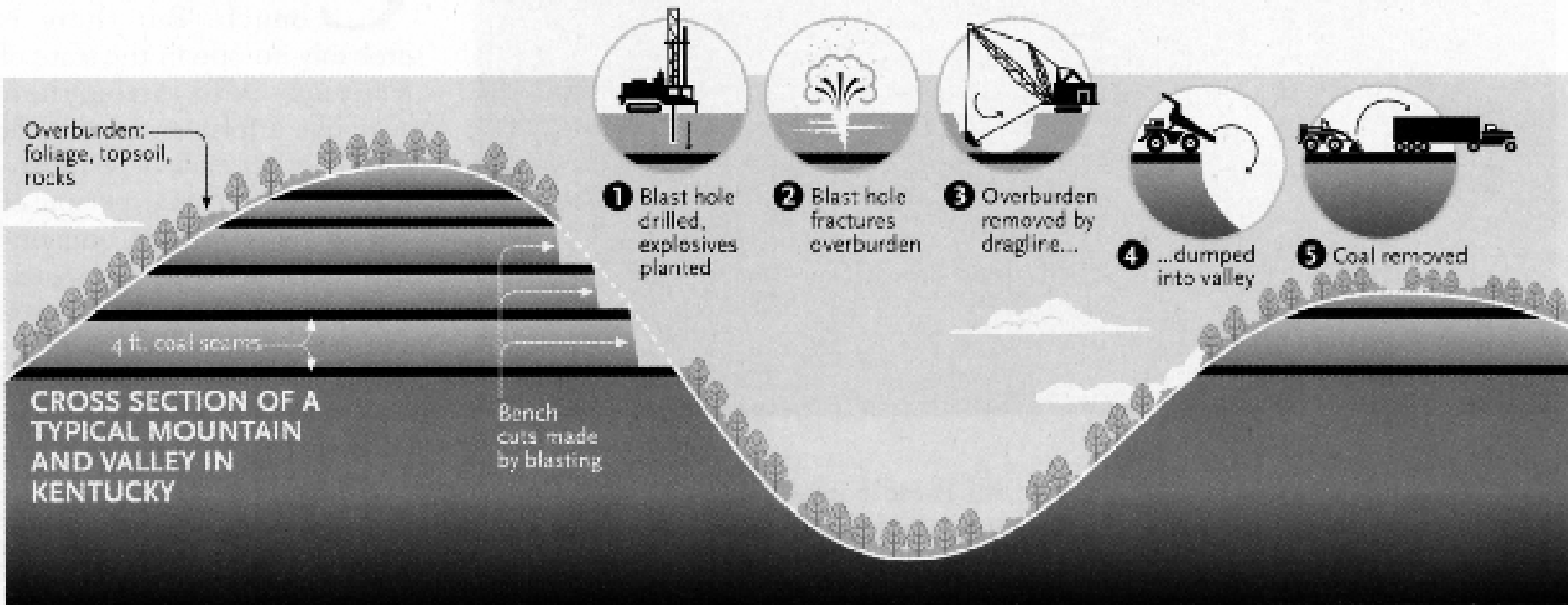
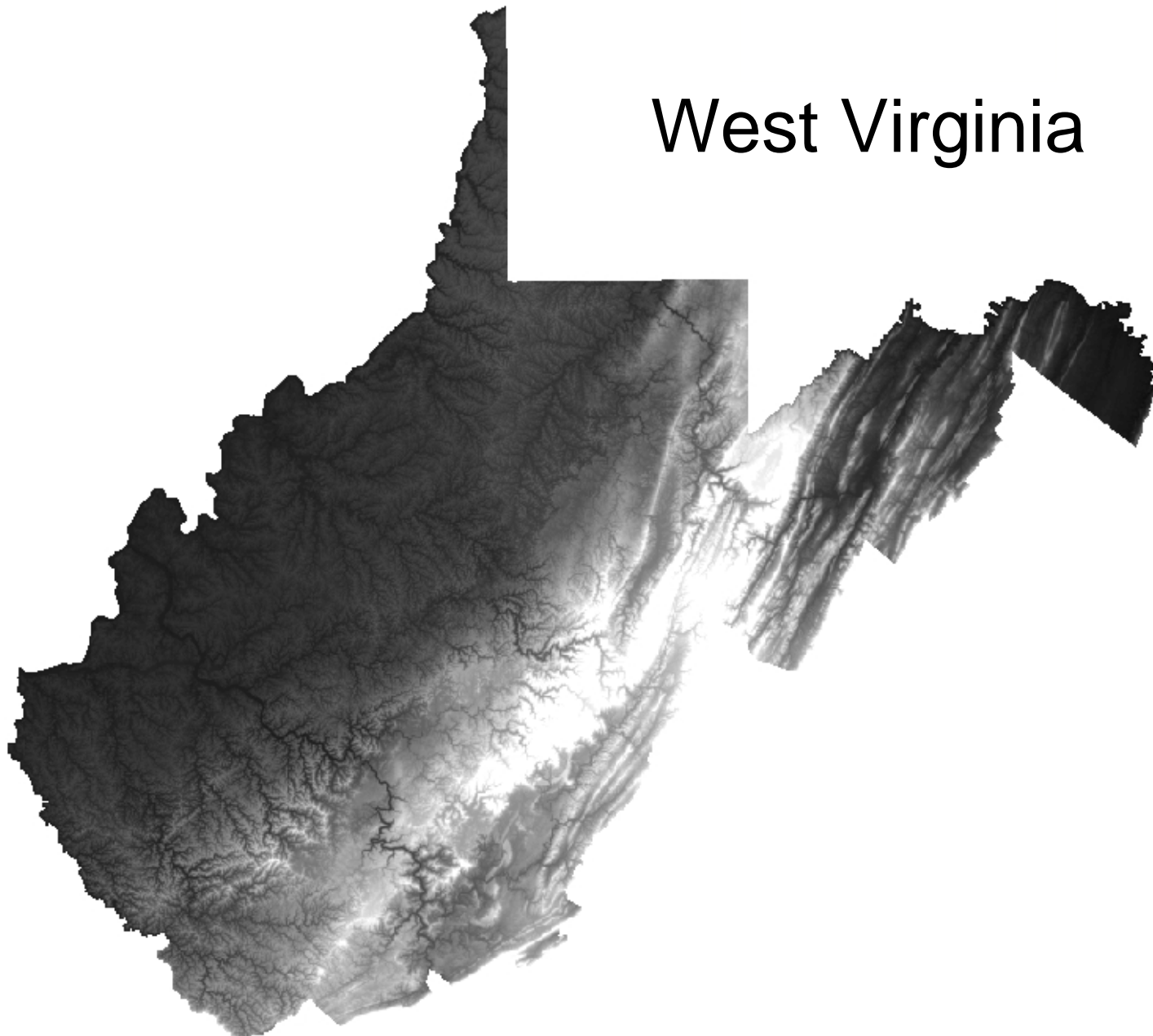




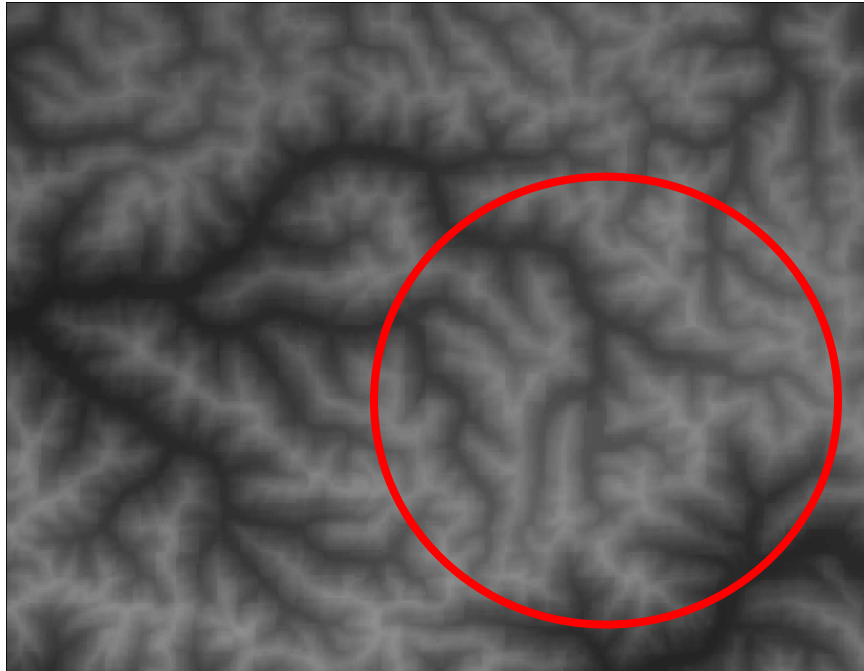
Image from: <http://washingtonindependent.com/49008/congress-takes-on-mountaintop-mining>

Mountaintop Mining Operation

West Virginia

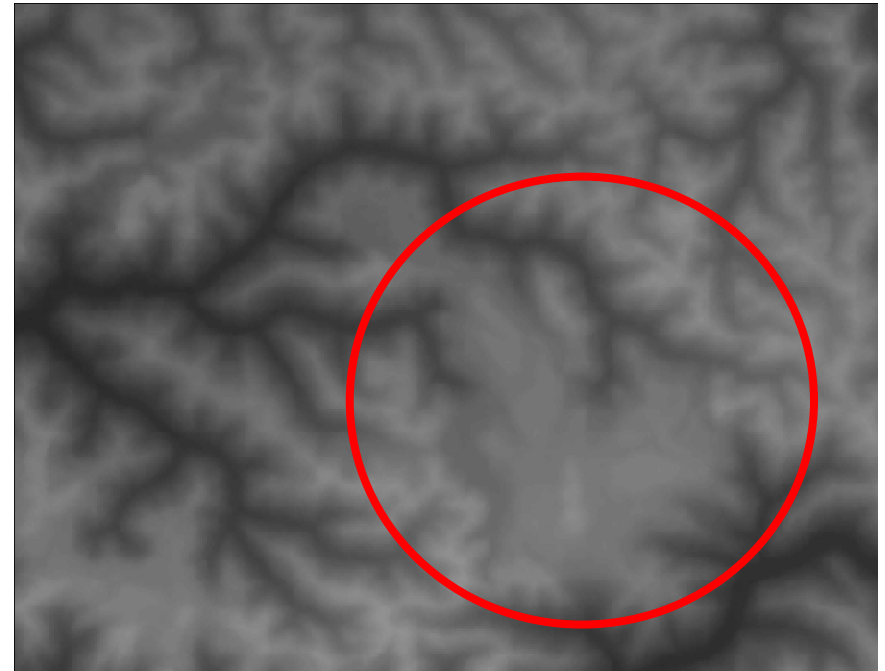


2 Elevation datasets: NED & SRTM



NED

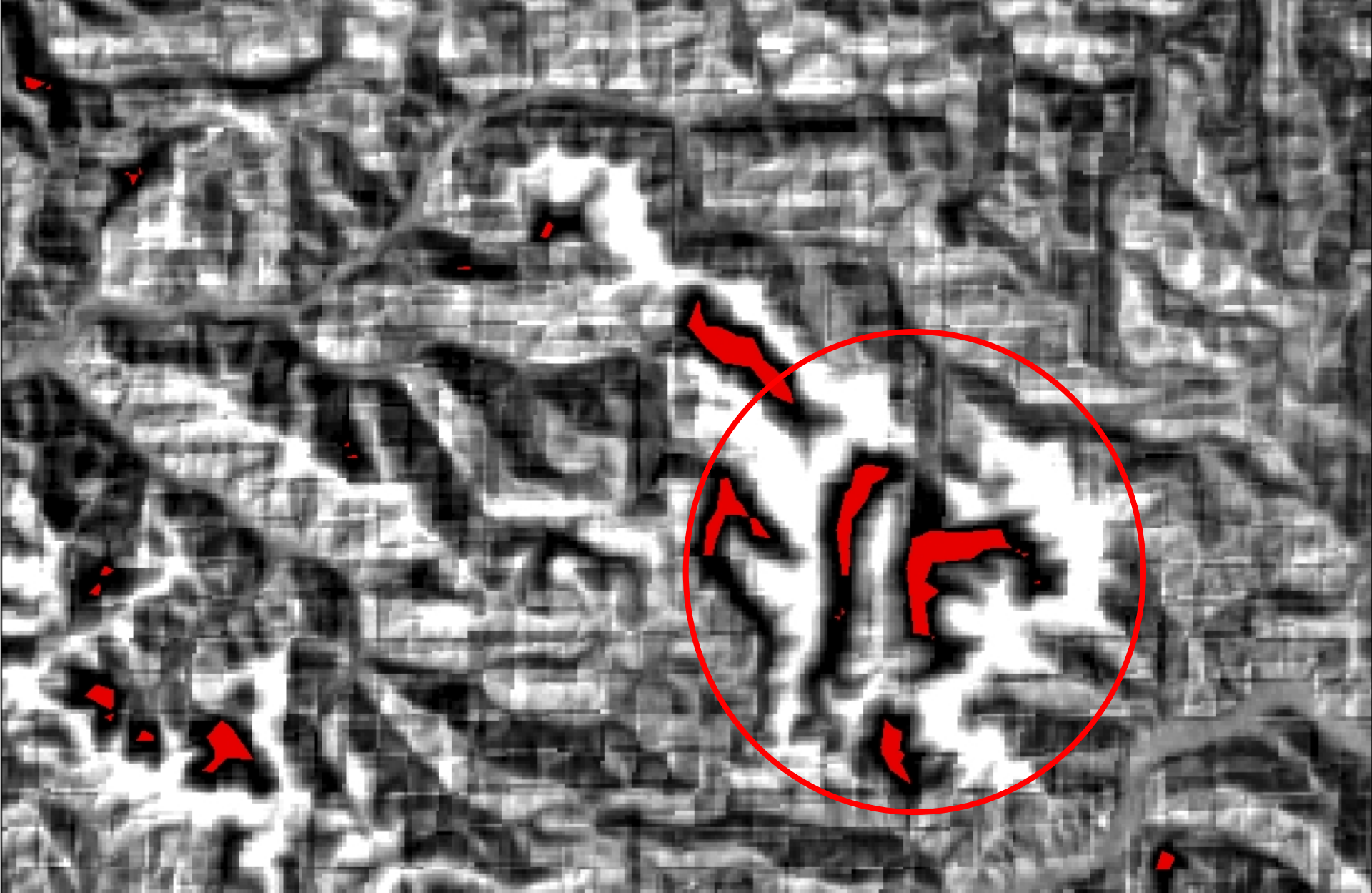
1970's



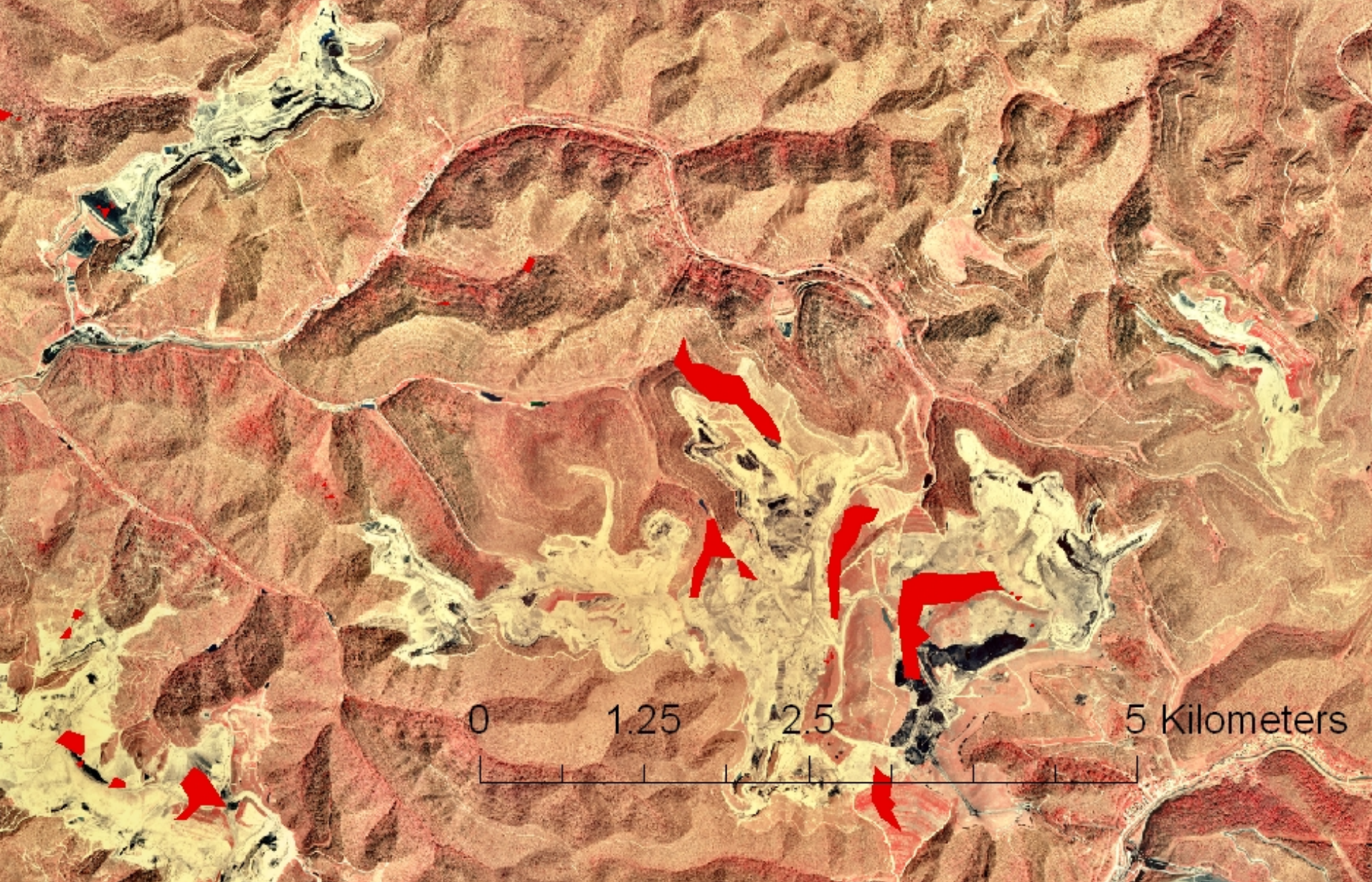
SRTM

2002

Elevation Change Over ~30 Year Period



SRTM Subtracted from NED



Orthoimagry downloaded from <http://datagateway.nrcs.usda.gov/GatewayHome.html>

Orthoimagery of Area

West Virginia

Valley Fills & Forested Area

